

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1133	(method and (knurling or knurled or knurl)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:09
L2	293	l1 and (clamp or band)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:09
L3	246	l1 and (weld\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:09
L4	79	(method and weld\$4 and (knurling or knurled or knurl)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:11
L5	4	(method with weld\$4 with (knurling or knurled or knurl)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:17
L6	2	"219"/\$.ccls. and (method with weld\$4 with (knurling or knurled or knurl)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:41
L7	6	"219"/\$.ccls. and (method with weld\$4 with (knurling or knurled or knurl))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:18
L8	43	(metal surface depression projection weld\$3).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/02 12:29
L9	20	("3969604"   "4237363"   "4386728").PN. OR ("4682002").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:37
L10	1120	"219"/\$.ccls. and (knurling or knurled or knurl)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 13:20
L11	683	l10 and weld\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:42
L12	593	l11 and surface	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:42
L13	370	"219"/\$.ccls. and ((knurling or knurled or knurl) with surface)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:42
L14	226	l13 and weld\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:42

## EAST Search History

L15	14	("4061263"   "4394953"   "4409278"   "4414166"   "4605156"   "4873415"   "4916285"   "4996113"   "5025547"   "5250364"   "5508119"   "5537851"   "5626776").PN. OR ("6844522").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:45
L16	17	("0928701"   "1665851"   "2395373"   "3118049"   "3346350"   "3786172").PN. OR ("4203020").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 12:56
L17	5	("928701").URPN.	USPAT	OR	ON	2007/06/02 13:02
L18	3	(US-4682002-\$ or US-4203020-\$).did. or (US-0928701-\$).did.	USPAT; USOCR	OR	ON	2007/06/02 13:17
L19	0	l18 and roll\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 13:21
L20	42	(US-20050246867-\$ or US-20050247687-\$ or US-20050247678-\$).did. or (US-5548876-\$ or US-4884432-\$ or US-5044814-\$ or US-4379359-\$ or US-3797077-\$ or US-4701982-\$ or US-7222397-\$ or US-4660870-\$ or US-5933938-\$ or US-3276089-\$ or US-6244967-\$ or US-2654926-\$ or US-4682002-\$ or US-7193177-\$ or US-6844522-\$ or US-5537851-\$ or US-4203020-\$ or US-0928701-\$).did. or (US-0928701-\$).did. or (WO-2004007979-\$).did. or (JP-2006161869-\$ or JP-2006336742-\$ or JP-2003172317-\$ or JP-2005201368-\$ or JP-2005201292-\$ or JP-2005003047-\$ or JP-2004044692-\$ or JP-10026108-\$ or JP-10026107-\$ or JP-04136513-\$ or JP-02292505-\$ or JP-09291912-\$ or JP-09291911-\$ or JP-09060651-\$ or JP-08291807-\$ or JP-04249604-\$ or JP-04171306-\$ or JP-04113008-\$ or JP-03113105-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/06/02 13:18
L21	9	l20 and roll\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 13:18
L22	8255	roll\$3 with (knurling or knurled or knurl)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 13:20

## EAST Search History

L23	4019	l22 and metal	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 13:20
L24	13	l23 and suface	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 13:21
L25	240	(1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20) and (rolling)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/02 13:23